



Science

Primary 6



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موقع مذكرات جاهزة للطباعة

- 1- Among the precautions when dealing with electricity is.....
  - a. not to play with the electric connections
  - b. to leave some wires uncovered
  - c. to leave the electrical devices on for a long time
  - d. all the previous
- 2- The main idea of the electric lamp depends on.....
  - a. the heat and glow of the filament.
  - b. the heat and brightness of argon.
  - c. the passage of the electric current in sodium vapor.
  - d. the passage of the electric current in mercury vapor.
- 3- In series connection, when one of the lamps is broken, what will happen to the other lamps?
  - a. They will not get affected.
  - b. They will get broken.
  - c. They will turn off.
  - d. No correct answer.
- 4- The glass tube of the fluorescent lamp contains .....
  - a. neon gas
  - b. argon gas and a little amount of mercury vapor
  - c. argon gas
  - d. No correct answer
- 5- The lamps at home are connected.....
  - a. in series
  - b. in parallel
  - c. both a and b
  - d. perpendicularly
- 6- The filament of light bulbs is made of.....
  - a. iron
  - b. copper
  - c. sodium
  - d. tungsten
- 7- Electric lamps have many uses. choose the way in which both fluorescent lamps and light bulbs are commonly used.
  - a. Commercial advertisements
  - b. Lighting houses
  - c. Car lamps
  - d. Torches
- 8- What is the filament in a light bulb usually made of?
  - a. Tungsten
  - b. Copper

c. Iron

d. Glass

9- What did Thomas Edison invent?

a. The fluorescent lamp

c. Electricity

b. The light bulb

d. All of the previous answers

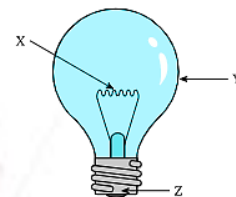
10- Look at this photo of a light bulb. What is X?

a. Base

b. Filament

c. Glass bulb

d. No correct answer



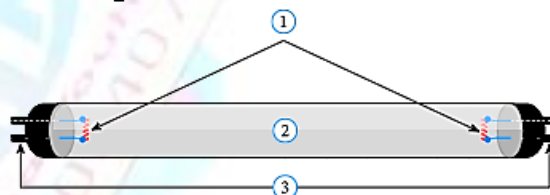
11- Miss Madonna draws a picture of a fluorescent lamp. What label should Miss Madonna write at 1?

a. Tungsten filaments

b. Glass tube

c. Points of connection

d. No correct answer



12- One of the following gases is found in the fluorescent lamp but not in the electric bulb.....

a. Neon

b. Argon

c. Mercury vapor

d. No correct answer

13- All the following are electric insulators except.....

a. Glass

b. Wood

c. Rubber

d. Copper

14- ..... is a good conductor of electricity.

a. Wood

c. Plastic

b. Iron

d. Rubber

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15- All of the following materials allow the flow of the electric current except.....

- a. Iron
- b. Rubber
- c. Aluminum
- d. Copper

16- An electric shock may cause.....

- a. Electric fires
- b. Electric burns
- c. Electric overload
- d. Electric current

17- Fluorescent lamps contains argon gas and a little amount of.....

- a. Hydrogen gas
- b. Mercury vapor
- c. Atmospheric air
- d. All the answers are correct

18- The florescent lamp is lined with.....substance.

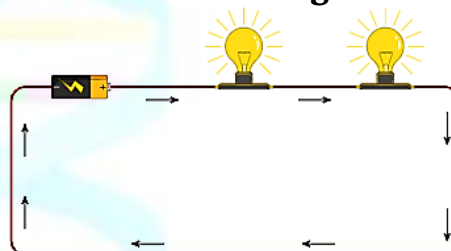
- a. Golden
- b. Phosphoric
- c. Oily
- d. No correct answer

19- Fluorescent lamps and electric bulbs are types of electric lamps. What is found in a fluorescent lamp but not in an electric bulb?

- a. A glass bulb
- b. Argon gas
- c. Tungsten filaments
- d. Phosphoric material

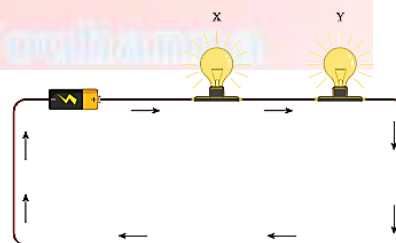
20- This circuit has a single route for electric current to flow through the lamps. This is a ..... circuit.

- a. series
- b. parallel
- c. (a) and (b)
- d. No correct answer



21- Miss Madonna builds an electric circuit. She wants to make lamp X shine more brightly. What can she do?

- a. Add another lamp in series
- b. Remove lamp Y
- c. Add another lamp in parallel
- d. No correct answer





22- Lamps in our homes and businesses are connected in..... with the main source of electricity.

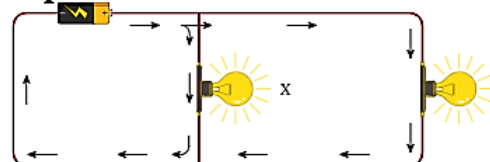
- a. series
- b. parallel
- c. parallel and series
- d. no correct answer

23- Miss Madonna has three lamps. What type of circuit should she connect them in to get the highest light intensity from each lamp?

- a. Series
- b. Series or parallel
- c. Parallel
- d. No correct answer

24- Miss Madonna builds a parallel circuit. When Miss Madonna adds another lamp to the circuit, the brightness of lamp X

- a. stays the same
- b. increases
- c. decreases
- d. no correct answer



25- Miss Madonna and Hbzlem are talking about materials that conduct electricity. Who is right?

- a. Miss Madonna only
- b. Hbzlem only
- c. Both Hbzlem and Miss Madonna
- d. No correct answer

All metals are conductors of electricity.

Impure water is a conductor of electricity.



26- Connecting in..... is the best way to connect electric lamps and electric devices.

- a. Series
- b. Parallel
- c. Series and parallel
- d. No correct answer

27- When disconnecting an electric lamp from a series connection, the rest of the lamps.....

- a. Stay lightning
- b. Turn off

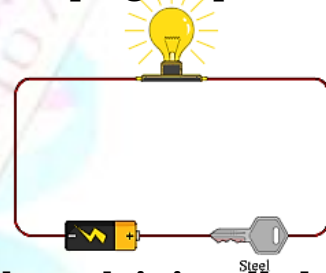
- c. Make spark
- d. All the previous answers

28- Electric fires are not put out by water because; water is a/an.....

- a. Electric insulator
- b. Electric conductor
- c. Heat conductor
- d. No correct answer

29- Miss Madonna puts a steel key in an electric circuit. The lamp lights up because the steel key lets electricity flow through the circuit. choose the object that could replace the steel key and make the lamp light up.

- a. A wooden stick
- b. A plastic spoon
- c. An iron nail
- d. All the answers are correct



30- A material that does not allow electricity to flow through it is called an electrical.....

- a. conductor
- b. barrier
- c. insulator
- d. no correct answer

31- Miss Madonna made a list of electrical conductors and insulators. Which material is in the wrong list?

- a. Rubber
- b. Lead
- c. Impure water
- d. Aluminum

Conductors	Copper Aluminum Lead
Insulators	Impure water Rubber

32- Electric burns cause damage to.....

- a. Furniture
- b. Body tissue

c. Clothes

d. No correct answer

33- When increasing the number of lamps in a series connection, the light intensity.....

a. Increases

b. Decreases

c. Stay unchanged

d. No correct answer

34- The filament of the light bulb is made of tungsten because it has.....

a. Low density

b. High melting point

c. Low melting point

d. (A) and (c).

35- The outside of the cable is made of plastic because plastic is an electric.....

a. conductor

b. component

c. insulator

d. no correct answer

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# “Part 1”

## Answers:

1	A
2	A
3	C
4	B
5	B
6	D
7	B
8	a
9	B
10	b
11	A
12	C
13	D
14	B
15	B
16	B
17	B
18	B
19	D
20	A
21	B
22	B
23	C
24	A
25	C
26	B
27	B
28	B
29	C
30	C
31	C
32	B
33	B
34	B
35	C

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